

LA-UR-19-23371

Approved for public release; distribution is unlimited.

Title: Examples of embedded markers

Author(s): Morris, Christopher

Intended for: distribution to colleagues

Issued: 2019-04-15

Disclaimer:

Los Alamos National Laboratory, an affirmative action/equal opportunity employer, is operated by Triad National Security, LLC for the National Nuclear Security Administration of U.S. Department of Energy under contract 89233218CNA000001. By approving this article, the publisher recognizes that the U.S. Government retains nonexclusive, royalty-free license to publish or reproduce the published form of this contribution, or to allow others to do so, for U.S. Government purposes. Los Alamos National Laboratory requests that the publisher identify this article as work performed under the auspices of the U.S. Department of Energy. Los Alamos National Laboratory strongly supports academic freedom and a researcher's right to publish; as an institution, however, the Laboratory does not endorse the viewpoint of a publication or guarantee its technical correctness.

Examples of embedded Markers

Author: C. L. Morris

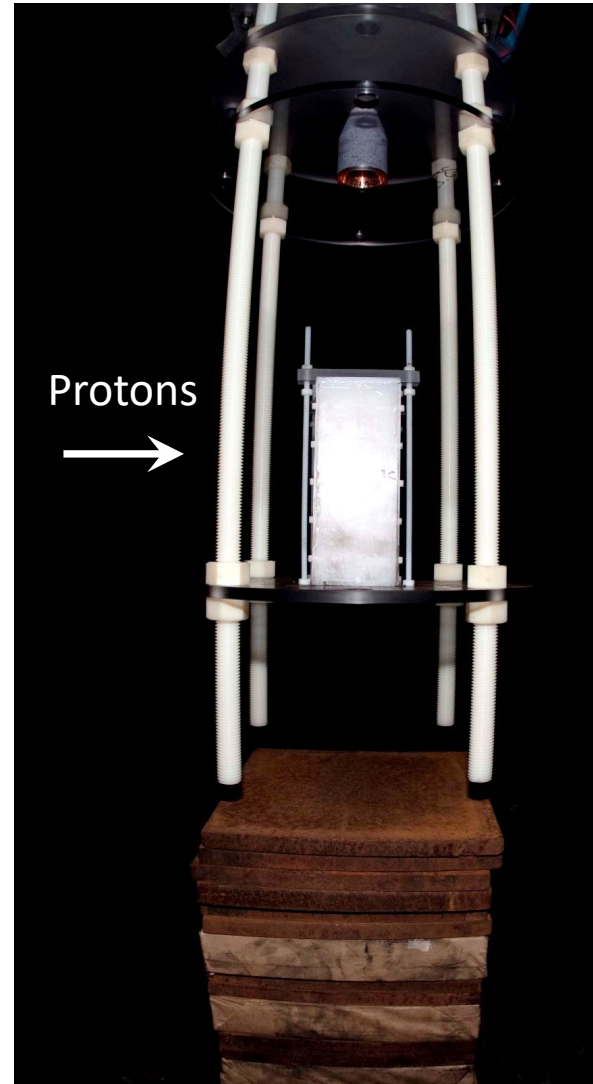
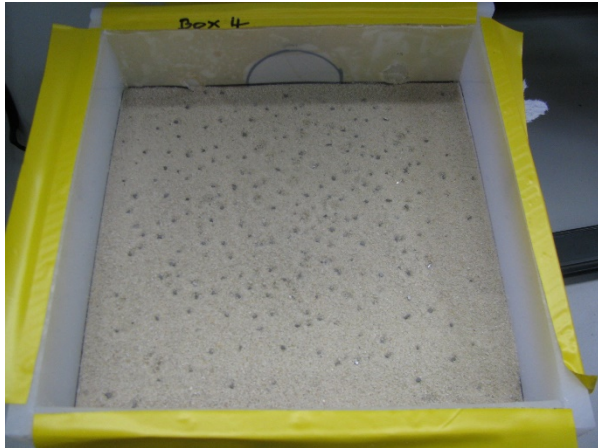
Date: 4/10/2019

Institution: Los Alamos National Laboratory

Abstract: This document contains data from prad0348 and Prad0560, experiments in which embedded markers were used to track the velocity field behind shocked material and a detonation from respectively

Prad0438

Tungsten markers in
center plane of sand
target

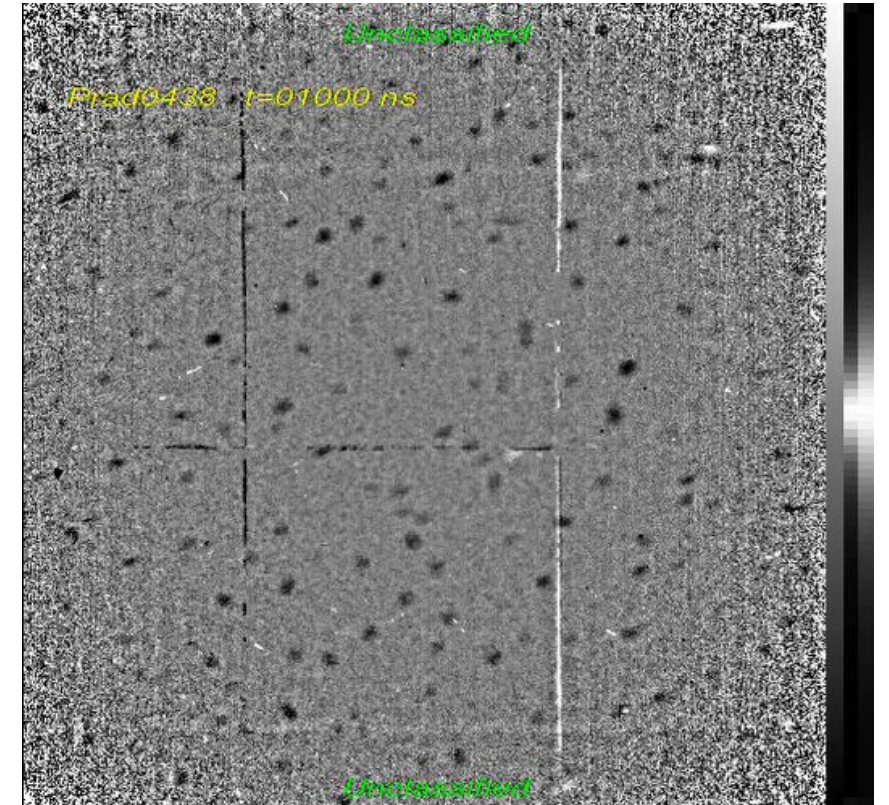


Viper

Target

Armor

Shot/MedianFilter(Shot)



Prad560 Detonation EOS

HE pellets with different particle loadings

